

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/568,998

Applicant: Sfeir et al.

Filed: February 16, 2006

TC/AU: Unassigned

Examiner: Unassigned

Docket No.: 250030 (Client Reference No. 00836)

Customer No.: 23460

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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DEC 18 2006

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

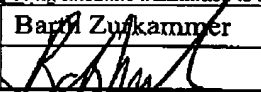
Dear Sir

Applicant(s) hereby respond(s) to the Notification of Missing Requirements dated May 22, 2006.

The items checked below are appropriate:

1. Status of Applicant

This application is on behalf of ☐ other than a small entity or ☒ a small entity.

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8			
I hereby certify that this Response and all accompanying documents are, on the date indicated below, <input type="checkbox"/> being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or <input checked="" type="checkbox"/> being facsimile transmitted to the U.S. Patent and Trademark Office, Facsimile Number (571) 273-8300.			
Name (Print/Type)	Barth Zulkammer		
Signature		Date	December 18, 2006

In re Appln. of Sfeir et al.  
Application No.10/568,998

## 2. Documents Submitted Herewith

- a. ☒ Executed Declaration of inventor(s)  
b. ☐ Nucleotide and/or Amino Acid Sequence Submission:  
i. ☐ Computer Readable Form (CRF)  
ii. Specification Sequence Listing on:  
(1) ☐ CD-ROM or CD-R (2 copies); or  
(2) ☐ Paper Copy  
iii. ☐ Statement verifying identity of above copies  
c. ☐ Verified English translation of application  
d. ☒ Copy of the Notification of Missing Requirements  
e. ☐ Substitute Drawings  
f. ☐ Other:

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## 3. Application Filing Fee

- a. ☒ No application filing fee due  
b. ☐ Application filing fee due in amount calculated below:

BASIC FEE (\$300 FILING FEE + \$200 EXAMINATION FEE + \$500 SEARCH FEE)				\$1,000.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	- 20 =		x \$50.00	\$
Independent Claims	- 3 =		x \$200.00	\$
<input type="checkbox"/> Multiple Dependent Claim(s) if applicable			+ \$360.00	\$
<input type="checkbox"/> Application Size Fee (\$250 for each additional 50 sheets over 100)				\$
Total of above calculations =				\$
Reduction by 50% for filing by small entity =				\$( )
Fee Already Paid =				\$
Fee Due =				\$

## 4. Late Filing of Oath or Declaration Surcharge

Pursuant to 37 CFR 1.16(e), the surcharge for filing this Response is for  
☐ other than a small entity or ☒ a small entity.

Fee Due \$ 65.00

## 5.. Non-English Specification Surcharge

Pursuant to 37 CFR 1.17(i), the surcharge for submitting an English translation of the non-English specification is included.

Fee Due \$ 0.00

## 6. (Provisional only) Surcharge for Late Submission

Pursuant to 37 CFR 1.16(g), the surcharge for submitting an English translation of the non-English specification is included.

Fee Due \$ 0.00

12/21/2006 GFREY1 00000054 121216 10568998

01 FC:2255 1080.00 DA  
02 FC:2617 65.00 DA

In re Appln. of Sfeir et al.  
Application No.10/568,998

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7. **Extension of Time**

- ☒ Applicant(s) petition(s) for a five-month extension of time under 37 CFR 1.136, the fee for which is \$1,080.00.
- ☐ Applicant(s) believe(s) that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant(s) has/have inadvertently overlooked the need for a petition and fee for extension of time.

**Fee Due** \$1,080.00

8. **Total Fee Due**

The total fee due is:

Application Filing Fee	
Late Filing of Declaration Surcharge	\$ 65.00
Non-English Specification Surcharge	\$ 0.00
(Provisional only) Surcharge for Late Submission	\$ 0.00
Extension of Time Fee	\$1,080.00

**Total Fee Due: \$1,145.00**

9. **Fee Payment**

- ☐ Attached is a check in the sum of \$
- ☒ Charge Account No. 12-1216 the sum of \$1,145.00. A duplicate of this transmittal is attached.

10. **Fee Deficiency**

- ☒ If any additional fee is required in connection with this communication, charge Account No. 12-1216. A duplicate of this transmittal is attached.

M. Daniel Hefner, Reg. No. 41,826  
LEYDIG, VOIT & MAYER, LTD.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731  
(312) 616-5600 (telephone)  
(312) 616-5700 (facsimile)

Date: December 18, 2006

Missing Parts Response (Revised 12/23/04)

LVM 256030, U of Pitt



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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P.O. Box 1419  
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U.S. APPLICATION NUMBER NO. 10/568,998	FIRST NAMED APPLICANT Charles Sfeir	ATTY. DOCKET NO. 250030
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INTERNATIONAL APPLICATION NO.
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PCT/US04/27076

I.A. FILING DATE 08/19/2004	PRIORITY DATE 08/19/2003
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23460  
LEYDIG VOIT & MAYER, LTD  
TWO PRUDENTIAL PLAZA, SUITE 4900  
180 NORTH STETSON AVENUE  
CHICAGO, IL 60601-6780

LEYDIG, VOIT & MAYER  
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CONFIRMATION NO. 7502

371 FORMALITIES LETTER



\*OC000000018892582\*

LAH

JUN 08 2006

PAY/TM Due Date 7-22-06

Date Mailed: 05/22/2006

12-22-06 final

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/16/2006
- Copy of the International Search Report filed on 02/16/2006
- Preliminary Amendments filed on 02/16/2006
- Biochemical Sequence Diskette filed on 02/16/2006
- Biochemical Sequence Listing filed on 02/16/2006
- Small Entity Statement filed on 02/16/2006
- Request for Immediate Examination filed on 02/16/2006
- U.S. Basic National Fees filed on 02/16/2006
- Priority Documents filed on 02/16/2006
- Specification filed on 02/16/2006
- Claims filed on 02/16/2006
- Abstracts filed on 02/16/2006
- Drawings filed on 02/16/2006
- Paper nucleotide sequence listings filed on 02/16/2006

JC

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

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**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/568,998	PCT/US04/27076	250030

FORM PCT/DO/EO/905 (371 Formalities Notice)

LAW OFFICES  
**LEYDIG, VOIT & MAYER, LTD.**  
TWO PRUDENTIAL PLAZA, SUITE 4900  
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CHICAGO, ILLINOIS 60601-6731

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**DEC 18 2006**

TELEPHONE: (312) 616-5600

FACSIMILE: (312) 616-5700 (G3)  
(312) 849-0495 (G4)

**FACSIMILE COVER SHEET**

DATE: DECEMBER 18, 2006

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 11

OUR REFERENCE: 250030

FROM: M. DANIEL HEFNER  
REGISTRATION NO. 41,826

DIRECT LINE: 312-616-5122

TO: MAIL STOP PCT  
UNITED STATES PATENT AND TRADEMARK OFFICE  
COMMISSIONER FOR PATENTS  
ALEXANDRIA, VA 22313

FACSIMILE NUMBER: (571) 273-8300

IN RE APPLN. OF: SFEIR ET AL.  
APPLICATION NO. 10/568,998  
FILED: FEBRUARY 16, 2006  
GROUP ART UNIT: UNASSIGNED  
EXAMINER: UNASSIGNED  
DOCKET NO.: 250030 (Client Reference No. 00836)

**ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:**

- RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS (3 PAGES)
- COPY OF NOTIFICATION OF MISSING REQUIREMENTS (2 PAGES)
- COMBINED DECLARATION AND POWER OF ATTORNEY (5 PAGES)

A confirmation copy of the transmitted document will:

☒ Not be sent. This will be the only form of delivery of the transmitted document.

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FaxPTO (2/2006)